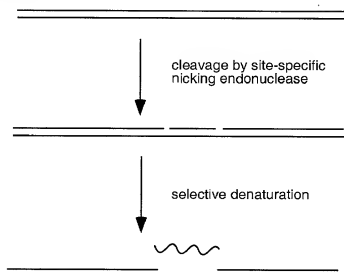


A. Gap Formation



B. Cohesive Termini Formation

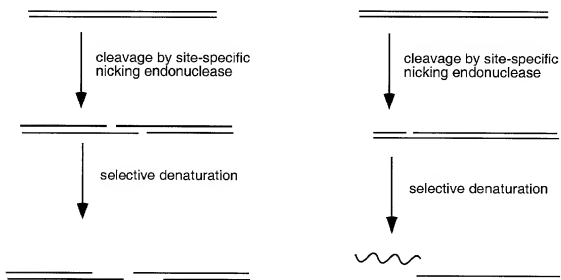
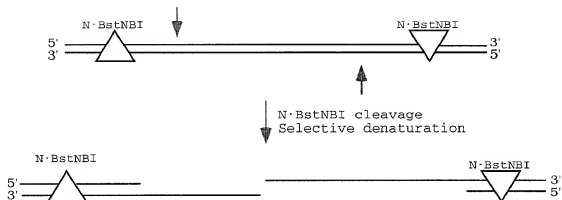


FIG. 1

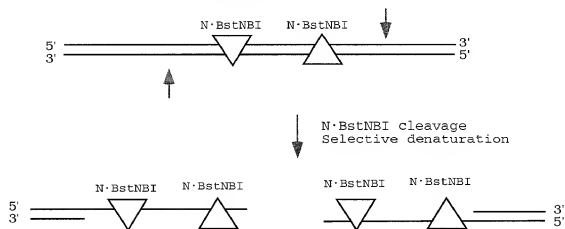
Creation of 5' Cohesive Ends

A.



Creation of 3' Cohesive Ends

B.



Gap Creation

C.

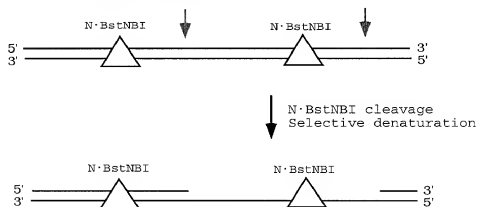
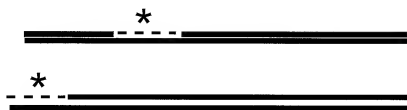
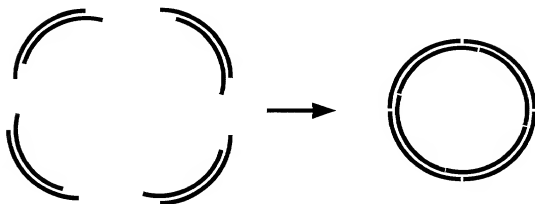


FIG. 2

A. Detection



B. Assembly



C. Branched Structures



D. Purification

Apply sample to
immobilized DNA



Wash non-specific
DNA from column



Elute desired
DNA by selective
denaturation



FIG. 3

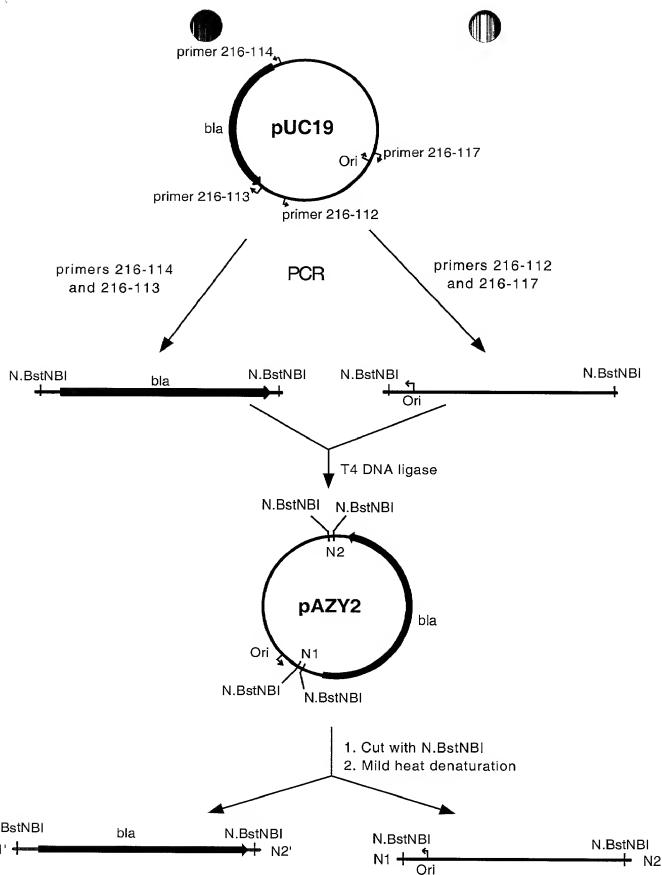


FIG. 4

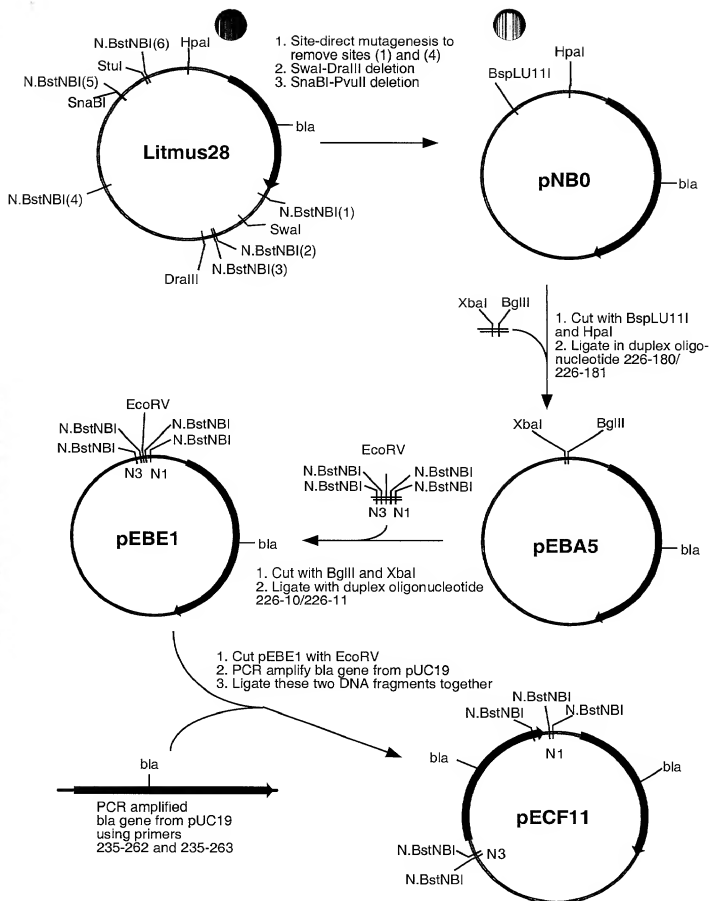


FIG. 5

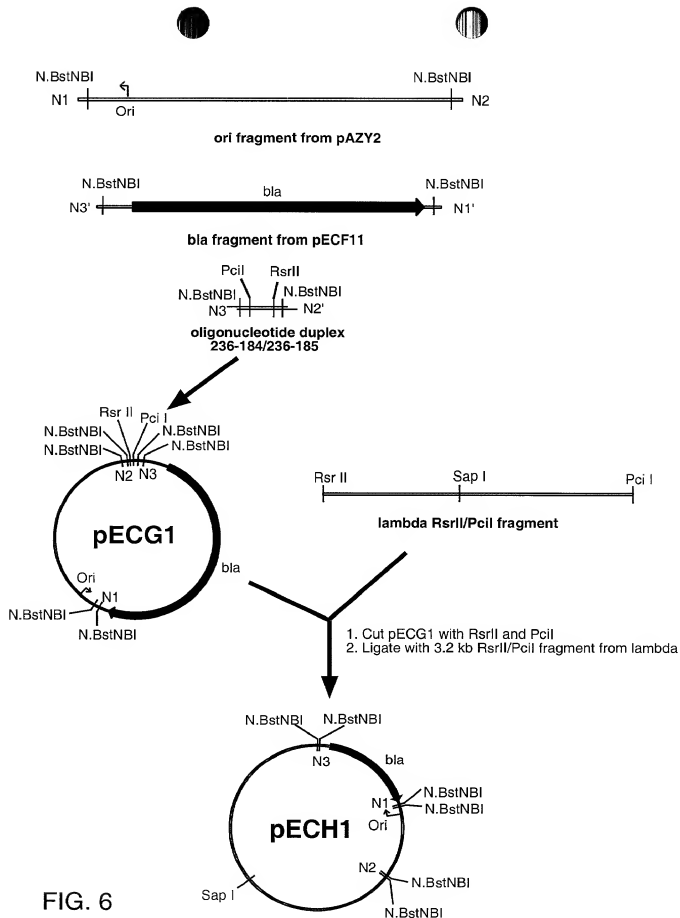


FIG. 6

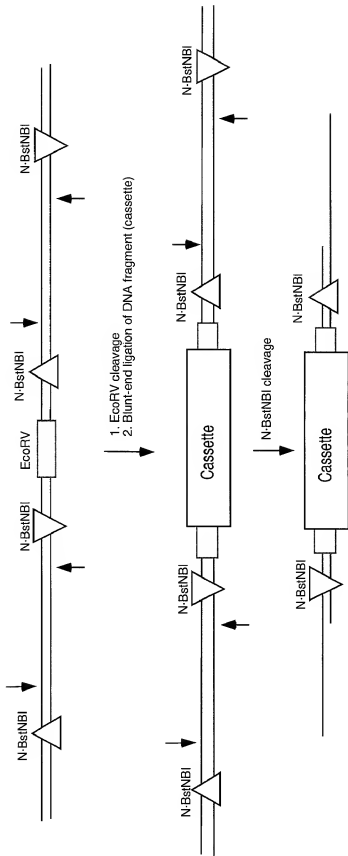


FIG. 7

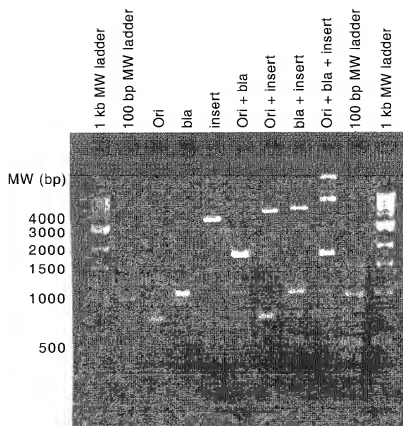


FIG. 8

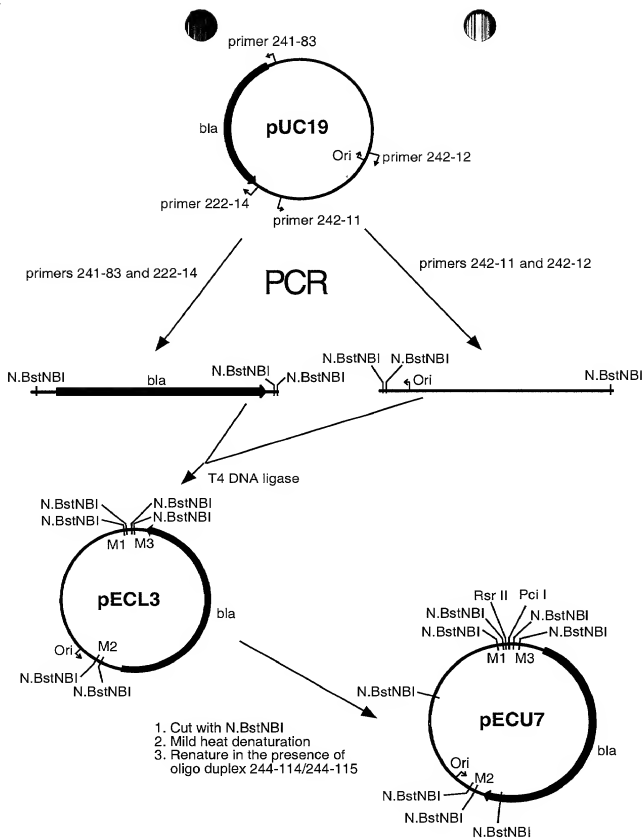


FIG. 9

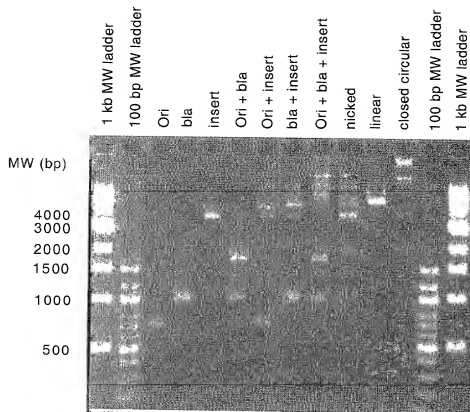


FIG. 10